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Daryl A. Albus

Applicant : Michael L. Roukes, et al.
Application No. : 09/927,779
Filed : August 9, 2001
Title : ACTIVE NEMS ARRAYS FOR BIOCHEMICAL ANALYSES
Grp./Div. : 2881
Examiner : To be Determined
Docket No. : 45129/RAG/C766

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
October 15, 2001

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO-1449 listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By

John W. Peck, Ph.D.

Reg. No. 44,284

626/795-9900

JWP/clv

Enclosures: PTO-1449, w/references

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FORM PTO-1449

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use many sheets as necessary)

Attorney Docket Number 45129/JWP/C766

Application Number 09/927,779

Filing Date August 9, 2001

Applicant(s) Michael L. Roukes, et al.

Group Art Unit 2881

Examiner Name To be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

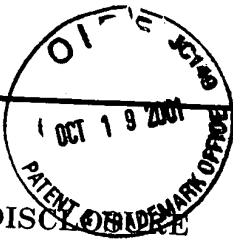
OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	CHUI, B.W., et al., "Independent detection of vertical and lateral forces with a sidewall-implanted dual-axis piezoresistive cantilever", Appl. Phys. Lett., 16 March 1998, pgs. 1388-1390, Vol. 72, No. 11, American Institute of Physics.
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	BINNIG, G., et al., "Atomic Force Microscope", Physical Review Letters, 3 March 1986, pgs. 930-933, Vol. 56, No. 9.
	FLORIN, Ernst-Ludwig, et al., "Adhesive Forces Between Individual Ligand-Receptor Pairs", Science, 15 April 1994, pgs. 415-417, Vol. 264, American Association for the Advancement of Science.
	HOH, Jan H., et al., "Quantized Adhesion Detected with the Atomic Force Microscope", J. Am. Chem. Soc., 1992, pgs. 4917-4918, Vol. 114, American Chemical Society.
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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FORM PTO-1449



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/927,779
Filing Date	August 9, 2001
Applicant(s)	Michael L. Roukes, et al.
Group Art Unit	2881
Examiner Name	To be Assigned

OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Review D, 15 January 1998, pgs. 659-663, Vol. 57, No. 2, The American Physical Society.
	MEINERS, Jens-Christian, et al., "Direct Measurement of Hydrodynamic Cross Correlations between Two Particles in an External Potential", Physical Review Letters, 8 March 1999, pgs. 2211-2214, Vol. 82, No. 10, The American Physical Society.
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	VIANA, Mario B., "Small cantilevers for force spectroscopy of single molecules", Journal of Applied Physics, 15 August 1999, pgs. 2258-2262, Vol. 86, No. 4, American Institute of Physics
	WHALEN, Anthony D., "Detection of Signals in Noise", Chapter 1. Probability, 1971, pgs. 1-26, Academic Press, New York.

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